

### Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1. (Currently amended) A single-step process for converting a slack wax or foots oil feed ~~petroleum-derived wax~~ to provide a lubricating base oil and a high yield of gas oil, wherein said single-step process comprises: contacting, under catalytic dewaxing conditions, said slack wax or foots oil feed ~~petroleum-derived wax~~ with a catalyst composition comprising a platinum component, wherein the platinum is present in said catalyst composition in the range of from 0.1 to 5.0% by weight, a silica binder and MTW type zeolite crystallites having pores consisting of 12 oxygen atoms, wherein the zeolite crystallites have an average crystal size smaller than 0.1 [[0.5]]  $\mu\text{m}$ , as determined by XRD line broadening technique using the high intensity peak at about 20.9 2-theta, and a constraint index (CI) larger than 1, and wherein the weight ratio of said zeolite crystallites to said silica binder is in the range of from 5:95 to 95:5; and yielding a product effluent comprising a base oil fraction and a gas oil fraction wherein the yield of said gas oil fraction is at least 20 wt%, and is larger than the fraction of said product effluent boiling below said gas oil fraction.
2. (Currently amended) A process according to claim 1, wherein the ~~petroleum-derived wax~~ feed is a slack wax having ~~has~~ an oil content of between 0 and 50 wt%.
3. (Currently amended) A process according to claim 2, wherein the slack wax ~~petroleum-derived wax~~ feed has an oil content of between 0 and 20 wt%.
4. (Currently amended) A process according to claim 1 [[3]], wherein the ~~petroleum-derived wax~~ feed is a ~~slack wax or a foots oil~~ feed and contains between 80 and 95 wt% wax.

5. (Currently amended) A process according to claim 4, wherein the slack wax or foots oil ~~petroleum derived wax~~ feed contains less than 10 ppmw organic nitrogen.
6. (Currently amended) A process according to claim 5, wherein the MTW type zeolite crystallites have a constraint index (CI) larger than 1.5.
7. (Currently amended) A process according to claim 6, wherein the MTW type zeolite crystallites have a constraint index (CI) smaller than 7.
8. (Currently amended) A process according to claim 7, wherein the MTW type zeolite crystallites have an average crystallite size of 0.05  $\mu$  m ~~is of the OFF or MTW type~~.
9. (Previously presented) A process according to claim 8, wherein the zeolite content of said catalyst composition is in the range of from 5 to 35 wt%.

Claim 10 (Canceled).

Respectfully submitted,  
NICHOLAS JAMES ADAMS

By /Charles W. Stewart/  
His Attorneys, Charles W. Stewart and  
Leonard P. Miller  
Reg. Nos. 34,023 and 26,004  
(713) 241-0360

P. O. Box 2463  
Houston, Texas 77252-2463